



Sheet _____ of _____

Form PTO-1449 (REV. 8-83) US Dept. of Commerce PATENT & TRADEMARK OFFICE			ATTY DOCKET NO. 110108.01		APPLICATION NO. Rule 53(b) Divisional of Application No. 09/904,875	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANT(S) Takamitsu ASANUMA et al.			
			FILING DATE April 22, 2004		PRIOR GROUP 3748	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
		5,100,632	03-31-1992	Dettling et al.		
		4,902,487	02-20-1990	Cooper et al.		
		6,588,204	7/8/2003	HIROTA et al.		
		6,568,178	5/27/2003	HIROTA et al.		
		09/979,643	11/26/2001	NAKATANI et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
		JP 7-106290 B2	11-15-1995	Japan		
		JP 3012249 B2	12-10-1999	Japan		
		JP 2000-18026 A	01-18-2000	Japan		
		JP 9-94434 A	04-08-1997	Japan		
		JP 6-159037 A	06-07-1994	Japan		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER					DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						



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(REV. 8-83)

US Dept. of Commerce
PATENT & TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
		JP 6-272541 A	09-27-1994	Japan		
		JP 11-300165 A	11-02-1999	Japan		
		59-30507	2/25/84	JAPAN		
		WO 00/42302	7/20/00	WIPO		
		EP 0 984 142 A1	8/3/00	EUROPEAN		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER _____ DATE CONSIDERED _____

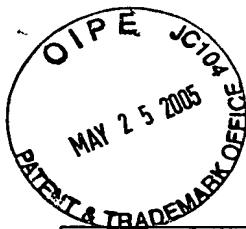
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
		04031614 A	3/2/92	JAPAN		
		07180536 A	7/18/95	JAPAN		
		60-235620	11/22/85	JAPAN		
		05354427 (abstract)	7/28/95	JAPAN		
		02070389 (abstract)	12/3/91	JAPAN		
		55050255 (abstract)	11/18/81	JAPAN		
		03344731 (abstract)	7/20/93	JAPAN		
		5-98932	4/20/93	JAPAN		
		61-28709	8/2/86	JAPAN		
		58-137423	8/15/83	JAPAN		
		11-336534	12/7/99	JAPAN		
		10-306717	11/17/98	JAPAN		
		10-220218	8/18/98	JAPAN		
		8-338229	12/24/96	JAPAN		
		7-189656	7/28/95	JAPAN		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
		7-119444	5/1995	Japan (w/Abstract & English-translation)		
		4-129829	4/1992	Japan (w/Abstract only)		
		63-100218	5/1988	Japan (w/Abstract only)		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
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